

New Challenges in Dental Research

FRIDAY 5 th of November 2021		
	Time	Program
Opening Ceremony	08:30-09:30	Opening Ceremony Prof. Dr. Dorin Borzea, Prof.Dr. Diana Ducea, Assoc.Prof. Dr. Dinu Cristian, Assoc. Prof.Dr. Anca Mesaroș
Session 1 Conferences	Chairs:	Prof. dr. Aranka Ilea, Assoc. Prof. Dr. Marius Manole
	09:30-10:00	Prof. Dr. Cosmin Sinescu New biomaterials for bone augmentation
	10:00-10:20	Prof. Dr. Mariana Ionita Graphene based materials for bone regeneration
	10:20-10:40	Prof. Dr. Sanda Mihaela Popescu Biomaterials used in alveolar site preservation
	10:40-11:00	Prof. Dr. Horia Manolea Biocompatibility assessment of bone augmentation materials
	11:00-11:30	Prof. Dr. Norina Forna New Challenges regarding pro-implant guided bone regeneration techniques
	11:30-12:00	Break
Session 2- Oral Presentations	Chairs:	Lecturer Dr. Cristina Gasparik, Lecturer Dr. Mihai Varvară,
	12:00-12:10	Dr. Szidonia Veress environmentally friendly behavior in dentistry
	12:10-12:20	Dr. Alexandru Gratian Grecu Social and psychological outcomes of oral and general health, within a student sample
	12:20-12:30	Dr. Antonia Boca Chronic apical periodontitis between local and general effects
	12:30-12:40	Dr. Javier Luiz Lopez Color variations in bucco-lingual sections of human extracted teeth
	12:40-12:50	Dr. Emma-Cristina Draghici Socio-demographic determinants of partial edentulism among adult patients in Dolj, Romania
	12:50-13:00	Dr. Chen Zong Tracking human periodontal ligament stem cells in vivo: new method
	13:00-13:10	Dr. Radu Chifor Artificial Intelligence in dentistry: research advances in periodontal disease diagnosis.
	13:10-13:20	Dr. Sanda Ileana Cimpean/Sebastian-Roberto Matei A comparative in-vitro study between different methods of root canals final irrigation: microbiological and scanning electron microscope evaluation
	13:20-13:30	Dr. María Tejada Casado Color prediction of layered dental resin composites
13:30-13:40	Dr. Roxana Marinescu How widely is evidence-based dentistry used in practice?	
	13:40-14:00	Break
Session 3 Conferences	Chairs:	Prof. Dr. Mihaela Baciut, Assoc. Prof. Dr. Sorana Baci
	14:00-14:20	Assoc. Prof. Dr.Marius Manole Stabilized zirconia ceramics for dental applications
	14:20-14:40	Prof. Dr. Meda Lavinia Negrutiu 3D Printing technologies for dental prostheses - encountered issues
	14:40-15:00	Lecturer Dr. Daniela Maria Pop Processing technologies of polymers for provisional prosthesis
	15:00-15:20	Prof. Dr. Iulian Antoniac Biodegradable metals-potential applications in dentistry
	15:20-15:40	Prof. Dr. Veronica Mercut Etiological aspects of non-cariou cervical lesions
	15:40-16:00	Prof. Dr. Monica Scriciu Considerations regarding the associations between tooth loss and cardio-vascular disease

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	16:00-16:20	Break
Session 4 Oral Presentations	Chairs	<i>Assoc. Prof. Dr. Maria Aluas, Lecturer Dr. Alexandra Botoș</i>
	16:20-16:30	Dr. Codruta Mirica New scaffolds for guided bone regeneration
	16:30-16:40	Dr. Ana Madail Upper airways volume and craniofacial morphology: a CBCT retrospective study
	16:40-16:50	Dr. Manuela Taut Occlusal analysis: analog or digital?
	16:50-17:00	Dr. Daiana Antoaneta Opriș Evaluation of the quality of life of parents of patients with cleft lip and palate
	17:00-17:10	Dr. Ricardina Nobre The mandibular symphysis and the Angle class
	17:10-17:20	Dr. Mirela Fluerasu New perspectives in the treatment of bruxism
	17:20-17:30	Dr. Marta Jorge / Behzad Farahani The finite element method to study the biomechanical effects of the Teuscher Activator in class ii malocclusion treatment
	17:30-17:40	Dr. Corina Mirela Prodan Optical properties of a heated nanofilled composite resin
	17:40-17:50	Dr. Antarinia Craciun Evaluation of surface characteristics and cytotoxicity of dental composites
	17:50-18:00	Dr. Nausica Petrescu The impact of COVID-19 on the management strategies in the dental office
	18:00-18:10	Dr. Radu Andrei Platelet concentrates used in implantology
18:10-18:20	Dr. Horia Opris The characterization of eggshell as a bio-regeneration material	
	18:20-18:40	Break
Session 5 E-Poster Presentations	Chairs	<i>Lecturer Dr. Alexandru Grecu, Assist. Prof. Dr. Bianca Varvară</i>
	18:40-18:45	Dr. Adrian Marcel Popescu Tooth effects of occlusal overloads
	18:45-18:50	Stud. Elena Frandes Lipstick influence on teeth colour appearance
	18:50-18:55	Stud. Trang Ha Vu Optical features evolution of CAD-CAM milling materials
	18:55-19:00	MDT Daniel Adrian Tarte The benefits of full digital workflow from intraoral scanning to final restoration
	19:00-19:05	Stud. Jean Louis Kelian Vingadassalon Cerec Smile Design
	19:05-19:10	Dr. Bianca Dragoș Preliminary study regarding the use of printing technology for creating a metal-free dental space maintainer
	19:10-19:15	Dr. Leonor Quesada Factors that influence the need of orthodontic treatment perception among university students
	19:15-19:20	Dr. Andreea Codruta Cojocariu The impression guide – a new tool designed for better dental impressions
	19:20-19:25	Dr. Marius Mihai Togoe Two-years evaluation of clinical and radiological changes in the case of periapical lesions-clinical trial
	19:25-19:30	Dr. Joana Pedreiras Laboratory study of the mechanical behavior of stainless steel, TMA, and GumMetal.
	19:30-19:35	Dr. Christa Serban Image processing techniques to optical coherence tomography images of adhesive interfaces
	19:35-19:40	Dr. Catarina Amaral The road to sustainability in dentistry is the reuse of sterilization sleeves viable?
19:40-19:45	Dr. Adrian George Marinescu Real efficiency of sodium hypochlorite in dissolution of vital and necrotic pulp tissue	

New Challenges in Dental Research

SATURDAY 6th of November 2021

	Time	Program
Session 1 New Challenges in Dental Research Event-part I	Chairs:	<i>Assoc Prof. Dr. Smaranda Buduru, Assoc. Prof. Dr. Anca Mesaroș</i>
	09:00-09:20	Lecturer Dr. Cecilia Bacali Recent possibilities to inactivate oral microbes in denture wearers
	09:20-09:40	Lecturer Dr. Andrea Chisnoiu Comparative marginal microleakage evaluation of Bis- GMA and Bis-MEPP composite resin materials.
	09:40-10:00	Prof. Dr. Aranka Ilea Biobanks in research activities - premises and perspectives
	10:00-10:20	Assoc. Prof. Dr.Smaranda Buduru In vitro testing of the compressive strength in three CAD/CAM materials
	10:20-10:40	Assoc. Prof. Dr. Bogdan Culic Monolithic versus layered in dental aesthetics
	10:40-11:00	Assoc. Prof. Dr. Alexandrina Muntean Dental materials in minimally invasive pediatric dentistry practice
	11:00-11:30	Break
Session 2 New Challenges in Dental Research Event-Part 2	Chairs:	<i>Prof. Dr. Diana Dudea Assoc. Prof. Dr. Bogdan Culic</i>
	11:30-12:00	Assoc. Prof. Dr. Razvan Ghinea How dental dehydration affects in-vivo teeth color and whiteness: the two minutes rule
	12:00-12:20	Prof. Dr. Diana Dudea Shadeguides and their configurations
	12:20-12:40	Assoc.Prof.Dr.Anca Mesaros Fixed orthodontics on teeth with irregularities of the enamel- challenges and research perspectives
	12:40-13:20	Prof. Dr. Gottfried Schmalz Cytotoxicity – Who’s to blame: the material, the dentist or the scientist?
	13:20-13:40	Break
Session 3 Conferences	Chairs:	<i>Assoc. Prof. Dr. Alexandrina Muntean, Lecturer. Dr.Andreea Chisnoiu</i>
	13:40-14:00	Assoc.Prof Dr. Maria Aluas Ethical concerns and professional duty regarding the dental treatment on patients with eating disorders
	14:00-14:20	Prof.Dr. Anca Porumb Clinical and radiological in number dental anomalies
	14:20-14:40	Prof. Dr. Melinda Székely The impact of Covid-19 pandemic on emergency dental care In Mures county
	14:40-15:00	Prof. Irina Zetu, Challenges in modern orthodontics
	15:00-15:20	Prof. Dr. Ligia Vaida The impact of face-mask wearing on adolescent orthodontic patients during the Covid-19 Pandemic
	15:20-15:40	Assoc Prof. Dr.Cristian Romanec Orthodontic diagnosis,current trends of high performance investigations
	15:40-16:00	Break

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Session 4 Oral Presentations	Chairs:	<i>Prof. Dr. Ondine Lucaciu, Lecturer MDT Alexandru Burde</i>
	16:00-16:10	Dr. Daniela Maria Pop The Influence of metal processing technologies on metal-ceramic interface
	16:10-16:20	Dr. Filipa Dias Influence of mask wearing on oral habits in a Portuguese school population during COVID-19 pandemic
	16:20-16:30	Dr. Manuela Manziuc Optical properties of zirconia crowns fabricated by different techniques
	16:30-16:40	Dr. Sebastian Candrea The impact of carious disease on general inflammatory status.
	16:40-16:50	Dr. Luis Alves Aesthetic evaluation of the need for orthodontic treatment - Perception among university students
	16:50-17:00	Stud. Răzvan Pop Comparative microleakage outcome of different techniques used for creating the occlusal anatomy in class 1 direct restorations
	17:00-17:10	Dr. Carina Sonia Neagu The evaluation of dental adhesives reinforced with magnetic nanoparticles
	17:10-17:20	Dr. Vlad Andrei Development of an innovative material used in the periodontitis therapy
	17:20-17:30	Dr. Antonela Berar Microscopic assessment of marginal fit in CAD/CAM crowns
	17:30-17:40	Dr. Emanuela Lidia Crăciunescu Evaluation of marginal adaptation and finishing of class V fillings
	17:40-17:50	Dr. Corina Tisler Antimicrobial effect of photodynamic therapy evaluated by SEM: a pilot study
	17:50-18:00	Dr. Silvia Maria Vele The effect of operative stress on the glycemia variations in the dental practice
	18:00-18:10	Dr. Bianca Varvară Chairside CAD-CAM milling materials-optical properties assessment after exposure to cigarette smoke
	18:10-18:30	Closing Ceremony